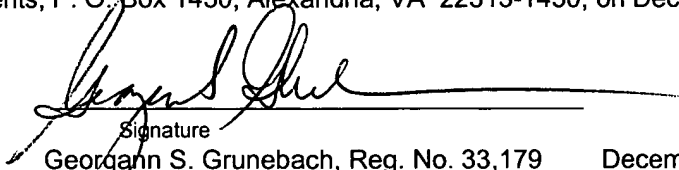




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Signature

Georgann S. Grunebach, Reg. No. 33,179
(Typed or Printed Name of Person Signing Certificate)

December 23, 2004
Date

(310) 964-4615
Telephone Number

Customer Number 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Arthur R. Tilford	:	Date:	December 23, 2004
		:		
Serial No.:	09/590,417	:	Art Group No.:	2614
Filed:	June 8, 2000	:	Examiner:	Scott E. Beliveau
		:		
For:	METHOD AND APPARATUS FOR	:		
	TRANSMITTING, RECEIVING AND	:		
	UTILIZING AUDIO/VISUAL	:		
	SIGNALS AND OTHER	:	Attorney Docket No.:	PD-990142
	INFORMATION	:		

SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(e)
WITH PAYMENT OF FEE UNDER 37 C.F.R. § 1.17(P)

Mail Stop RCE
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. § 1.97(e), the art listed and identified on the attached PTO form (copies of references enclosed) is being submitted herewith for consideration by the Examiner.

The Applicants submit that the art cited herein as per the requirements of 37 C.F.R. § 1.97(e) were known to individuals under obligation of compliance under 37 C.F.R. § 1.56(c). However, under 37 C.F.R. § 1.97(e)(2), this art was not cited in a communication from a foreign patent office in a counterpart foreign application.

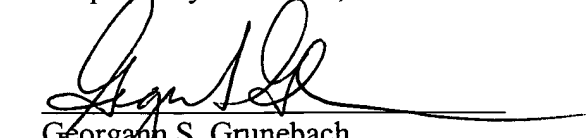
This information disclosure statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

PAYMENT OF FEE SET FORTH IN § 1.17(P)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

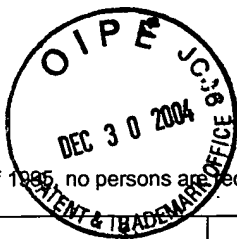
This form is being submitted in duplicate.

Respectfully submitted,


Georgann S. Grunebach
Registration No. 33,179
Attorney for Applicant(s)

Date: December 23, 2004

The DIRECTV Group, Inc.
2250 East Imperial Highway
P. O. Box 956
El Segundo, CA 90245
Telephone: (310) 964-4615



PTO/SB/08A&B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/590,417
Filing Date	June 8, 2000
First Named Inventor	Arthur R. Tilford
Art Unit	2614
Examiner Name	Scott Beliveau
Attorney Docket Number	PD-990142

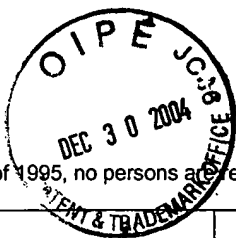
Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,633,309			
		US-4,675,732			
		US-4,866,769			
		US-4,866,787			
		US-5,033,084			
		US-5,132,992			
		US-5,172,413			
		US-5,199,066			
		US-5,301,352			
		US-5,440,336			
		US-5,495,531			
		US-5,565,805			
		US-5,586,264			
		US-5,592,651			
		US-5,594,491			
		US-5,619,247			
		US-5,640,453			
		US-5,715,315			
		US-5,748,732			
		US-5,784,095			
		US-5,790,663			
		US-5,826,165			
		US-5,850,218			
		US-5,864,747			

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Attorney Docket Number	PD-990142

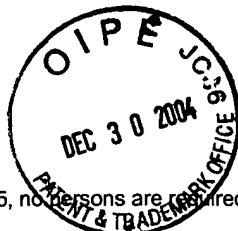
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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,867,207			
		US-5,926,205			
		US-5,930,215			
		US-5,936,660			
		US-5,937,067			
		US-5,978,649			
		US-5,999,628			
		US-5,999,629			
		US-6,005,937			
		US-6,061,451			
		US-6,072,873			
		US-6,072,982			
		US-6,202,211			
		US-6,240,401			
		US-6,286,142			
		US-6,288,716			
		US-6,289,455			
		US-6,317,883			
		US-6,317,884			
		US-6,398,245			
		US-6,415,031			
		US-6,466,671			
		US-6,496,980			
		US-6,519,772			
		US-6,542,870			
		US-6,550,011			

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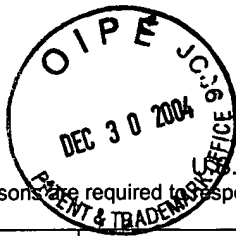
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	09/590,417
	Filing Date	June 8, 2000
	First Named Inventor	Arthur R. Tilford
	Art Unit	2614
	Examiner Name	Scott Beliveau
Sheet 3 of 4	Attorney Docket Number	PD-990142

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,574,609			
		US-6,611,812			
		US-6,654,547			
		US-6,655,580			
		US-2001/0046299			
		US-2002/0023219			
		US-2002/0112243			
		US-2002/0048367			
		US-2003/0105718			
		US-2003/0110132			
		US-2003/0145183			
		US-2003/0228911			
		US-2003/0174844			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		EP 1156676 A2				
		EP 1304871 A2				
		EP 1369152 A2				
		WO 01/43444 A2				
		WO 02/065750 A2				
		WO 02/15184 A1				

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	Application Number	09/590,417
	Filing Date	June 8, 2000
	First Named Inventor	Arthur R. Tilford
	Art Unit	2614
	Examiner Name	Scott Beliveau
Sheet 4 of 4	Attorney Docket Number	PD-990142

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		ANEROUSIS, N., "SKYCAST: THE SATELLITE DIGITAL BROADCAST RELAY SERVICE", AT&T Labs Research, unpublished manuscript, 1999, pp. 1-4.	

Examiner Signature		Date Considered	
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